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F 42

of the Colic

V and known by the name of Colica
pictonum. and Devonshire Colic – Dry spipes
& nervous Colic
& when it affects the upper bowels, it
has been called Iliac passion. & they both depend
upon the same cause, & require
the same remedies. when seated in
the small guts it is =

Of the Colic

I formerly treated of Colic as a form of the intestinal state of fever. This state of Colic is known 1st by prevailing during the existence of bilious fever. 2 by a discharge of bile upwards and downwards. 3 by being attended commonly preceded with Chills. This and 4 by being seated chiefly in the upper bowels.

last remark is taken notice by Dr Sydenham. There are however exceptions to all these discriminating signs. Our business at present is to treat of the Colic as a disease of the Alimentary Canal, and seated chiefly in the transverse of the lower bowels & particularly in arch and removes fibres of the Colon,

It is attended with great pain, sometimes with a Vomiting of bile. In all cases it is attended with the Navel, a retraction of the Abdomen, and sometimes of the testicles in Males; suppression of Urine, hiccup, tenesmus

V met with in the Course of my rea-
=ding, a total inability in the will to
move the abdominal muscles in the
ordinary efforts to discharge the contents
of the bowels.

H and very properly, for it is like the
Tetanus connected with disease in the medulla
Spinalis, and hence the Paraplegia or palsy of
the lower limbs, also of the arms + ~~which often follows it~~.

The pulse throughout the whole disease
is either regular, or a little contracted
in its Diameter and feeble in its
Action.

+ and several ~~Others~~ of the internal parts
of the body which follow it.

now and then diarrhea, but more gene-
=rally costiveness. and in one case that I have ~~and with bilious or no fever.~~

There is sometimes a ojection of the faces
in this disease ~~This is for the~~ by the mouth
in which case from the extreme distress
it produces, it has been called Miserere
Mii. It arises from a relaxation only & not a rupture of the
valve of the Colon. There are instances of its being atten-
=ded with a temporary Gutta Serena, a
silent Delirium, and Convulsions. Tetanus of the
the ~~Hydrophobia~~ disease affecting the Muscles ~~bowels~~
bowels chiefly it has been called in the
~~Contraction and Dissolution~~
West Indies an "introverted tetanus"; ~~the~~

Sometimes it is blended with the bilious
fever in which case it is attended with
the discharge with chills and fever.

Its remote and exciting Causes are
direct, and indirect. The direct causes are
~~All the remote & exciting Causes of Gout.~~

V Cyder is said to produce it in England
particularly in Devonshire where large
quantities of Cyder are made and drun-
-ken by the inhabitants.

~~Thirty-second and Thirty-third~~

Certain substances taken into the bowels that act directly upon them. Those are indigestible Aliments, and Drinks - particularly strong tea, Sour or acescent liquors, by veal, fat pork, Cheese, honey, ripe fruit - the stones of fruit. Two instances from the last cause have occured under my Notice, - raw vegetables, & Cabbage, certain poisons - the fumes, and Vapor of lead, and liquors impregnated with that metal. That they act directly and primarily upon the bowels, I infer from this ~~fact~~ being prevented by eating fat meat, or taking Sweet Oil by the men who work in lead. It is true, handling lead will impart paralytic Symptoms to the fingers, but

\+ and acid bile

2 Worms in the bowels, costiveness & ruptures.

V It is "induced chiefly from this cause, in the East Indies, that is by sleeping upon the Damps ground. ~~in wet~~ ~~weather~~

⊙ As stone in the kidneys - Inflam: or Obstruction in the liver, and difficult Menstruation by ~~from~~ the Uterus: when it arises from the last cause it is called Uterine Colic. This form of Colic likewise follows parturition, constituting a part of what are called After pains.

where no Vapor is inhaled from it, I believe
the bowels are frequently affected by it. It
is from the Vapors & fumes of lead that pain-
ters are so much more afflicted with this
Disease than any Other people. Even the
Cats and Dogs of painters in Jersey Baker says
are affected with it. ‡
The Causes which act indirectly in inducing Colic are
1 The Impure & Unwholesome parts particularly
of the liver, and Kidneys & the first may
be known by Decubitus only on the right
side - the 3d by occurring in pregnancy.
second by turbid Urine &
by accurring at the period of menstruation.
4 Ruptures and long protracted Costiveness
= give Colic. 5 It may be induced by diseases in each of them.
= 2 Cold, particularly when it affects the
feet, also repelled perspiration from Other Causes.
3 Intemperance from all its Causes. tight shoe.
4 Tight dresses. I have once known it induced by a
5 Both Flatulating and Ventrous pressures
6. of the mind. It was brought on by a

fit of laughter in the late Empress of Russia. It ended in a fatal apoplexy the next day. — Fear and grief are often its remote or exciting causes.

~~Diagnosis~~

Are there any premonitary signs of this disease? — Yes; — they are cold and dry feet, flatulency, costiveness and slight pain. In this forming state of the disease, a gentle purge, a few drops of Laudanum & even the pediluvium frequently prevent its ending in convulsions, and finally prevents its recurrence, for it is as much contained by habit as Epilepsy or intermitting fever. By the exhibition of from 10, to 20 drops of Laudanum I have often extinguished

V what! — bleed when there is no
tension in the pulse, - no inflamma-
-tion, - no fever! — yes - bled

N of the morbid excitement of the bowels
into the relaxed blood vessels.

a paroxysm of the disease, and in two
instances eradicated it from the system
without the aid of any other medicine. I
have once known its fits prevented & the
disease cured by riding a trotting horse a
few miles in the forming state of the
disease. After the disease is formed
the Remedies should be

1 Bleeding. ~~This remedy acts in four ways~~

1 To relax the spasm upon the colon.
tension in the pulse, and
2 To prevent inflammation. ~~to~~
3 To create a perspiration by inviting a portion of the
fluids to the surface of the body
2 medicines, ~~and~~
4 To ~~clear~~ purge, & ~~to~~ render the exhi-
-bition of Laudanum afterwards more
safe and more useful.

The bleeding should be copious. It does

V Disease discovers ~~voids~~ to tetanus in some of its causes, and ~~of~~ to paraplexia in its effects. perhaps the lop of blood from the Spine by Cups would be useful after general bleeding.

VI The mixture of the tincture of Aspa-ragus with the Condurango Dr Gries tells us ~~has~~ tends to prevent the disease ending in a palsy of the limbs.

most
~~most~~ Service when it induces fainting.
It is indicated, most when the disease arises
from Gout, or morbid affections of the liver
and Uterus.
~~the~~ kidneys. From the relation which the
After the ~~suppression~~ ~~stoppage~~ use of the Lancet,
2 Laudanum may be given in liberal
quantities but in divided doses Until ease
be Obtained. A tea made of Burdock seeds,
also water impregnated with the Smoke
of tobacco, have in some instances cured
pain as suddenly as laudanum. These
Anodyne medicines should be assisted in
easing pain by
the Warm Bath. when it is inconvenient
to immerge the whole body, warm
fomentations should be applied to the
belly, or the belly should be bathed with

Spirit of turpentine & Sweet Oil, or sweet
Oil and hartshorn, to be well rubbed with a dry hand. As soon as the pain
is moderated

4 Purges should be given if Costiveness
attend. Salts, Senna Cartar, Senna,
Castor Oil, Calomel, Rhubarb, Jalap,
Gamboge and Scammony should all
be employed in Dreuption. It is a curious
fact that the lenient purges often open
the bowels sooner than the more active
ones, and that they often succeed after
the active purges have been given to no
purpose. Perhaps the active purges pre-
pare the bowels to be moved by the lenit-
ives are lenient. These purges should be
aided by Clysters, which should be
made to act by their Quantity, and

℞ Crude ~~[illegible]~~ a dram
of crude silver taken every two hours,
and a mixture composed of Gum
Guaiac: and Sugar ā ℥ij intimately
mixed in ℥iv of water of which a table
spoonful should be given every hour.

Quality. Inject a quart to half a gallon
and according to one writer two gallons
of water injected into the bowels Often
opens
~~to relieves~~ them immediately by distur=
=bing them. Clysters which are intended to
act by this Quality should be made of
Solutions of Salts, Infusions of Senna,
or tobacco. Viij of the last are ens for a
pint of Water - of turpentine - half a
Gill to a pint of Water, and in desperate
1/3rd of
cases Brandy may may be added to 2/3rd
of a pint of water, and given with Safe=
=ty. If all these fail of Opening the bowels
the smoke of Tobacco should be blown
into the bowels, and Liquid Laudanum
should be given by way of Clysters in
large Doses mixed with a small Quantity

of water. It sometimes acts a purgely relaxing the bowels. If this remedy should fail, recourse should be had to Glysters of Cold ~~no water~~ water. Drink a pint to a Quart at a time, so that it may act by its quantity as well as its relaxing quality. Recollect the bowels require but the 4th. grade of Insibility to cold water. I have done great Service with this medicine, & in giving it have been surprised to find so many patients say they felt the Sensation of Cold from it. I am the smallest advocate more disposed to appreciate this medicine from having known a Citizen of Phila: who for many years cured himself of the Colic by Drinking from a pint to a Quart of Cold water. The water in

this case acted as it does in the bowels by its Sedative qualities. Its effects upon the Stomach were communicated by Sym-
=pathy to the bowels. From the Stomach-
=pathy to the bowels. From the Stomach
postponing the 1st Grade of Sensibility to cold
water it is possible that quantity of Water
carried into it may produce three times
as great effects as the same quantity 2d
=carried into the bowels.

Suppositories made of Soap, or Alkum
or Oil the following ingredients have been
found useful in Opening the bowels. Gum
Thus: Mayssa, Ol Croci ā ℥ß Opii Gr
mixed into a solid mass with the yolk of
an Egg and a little honey. —

I have thus mentioned the Common-
mode of Opening the bowels, but I must

prevention here that a practice was intro=
=duced some what different from it into
this city by the late Dr Cadwallider. It con=
=sisted of never giving a laxative medicine
of any kind before the 4th or 5th day of the
disease, and then giving such only as
were of the most lenient kind. The late Dr
Warren of London adopted this practice,
and recommends it in high terms in the
of the Volumes of the Medical transacti=
=ons. He says it shortens the duration of
the disease, and saves the limbs from that dis=
=tressing consequence of it a palsy. The time
to begin to exhibit the purges is when the
pain assumes the form of griping, and is
felt below the navel. I suspect this

mode of giving purges would be rendered unnecessary, were bleeding always employed in the first stage of the disease. I have never met with a case of it which ended in palsy, and I have ascribed this to my early & liberal use of the Lancet.

5 Blisters are very useful in this disease especially when there is reason to believe it affects a Gouty Constitution. They should be applied to the wrists, thighs, ancles & joints to which parts they are more useful than when applied to the belly. I learned the use of this remedy from a Physician in Jamaica when a young practitioner, and have had greater reason to think highly of it. Recollect what was said formerly

+ This is the more probable from this efficacy when applied to the lumbar region in Cases of a Suppression of Urine from a paralysis of the nerves or Coats of the bladder. The Obstinate Costiveness in this disease is I believe often the effects of Spinal paralysis. as well as local

V might be applied with Advantage to the Spine.

of the Sympathy between the bowels, &
the Spine. Perhaps they would be more useful
to the Spine than to either of the parts that I
have been mentioning.
6 Cataplasms of or plasters of Mustard
to the feet particularly to the Ancles, and
ball of the great toe. They are most useful
when the disease occurs in a person
subject to Gout. I have seen it act like a
charm in removing the pain when
applied after depletion in the early stage
of the disease. Perhaps these Cataplasms
7 ~~Throwing Cold Water all over~~ Placing a patient upon
~~throwing Cold water~~ upon a cold
hearth and throwing cold
water all over his belly. There is a case upon
record of its wonderful effects of this remedy
in this Disease in the Medical Hosps of
Edinburgh. The late Dr Bertram informed

8 me that he had used it with great success in
probably acts by
the Colic in South Carolina. It induces a
Spine and
action in the bowels determining it
to the bowels.
Chiara in an eligible manner

& a Salivation. The propriety of this remedy
is evinced by a spontaneous Salivation having
cured four cases of it. This is taken notice
of by Dr Warren. I will endeavour to have
seen a Cure performed by it by my pre-
=ceptor in Medicine who had given
Calomel in large Doses in order to open
This effect was
the bowels of his patient. all his pains
produced, and left him, and the bowels began to open, and
all his pains left him as soon of the
mercury affected his mouth. I have
often given, and always with advantage

V accommodated to one of the causes or
effects of this disease that is an intussception
of the bowels, which I have not named,
that is Emeties. They are said to be useful
in intussceptions the gut. It is said to
discover itself by a hard bumps in a
part of the belly.

All the remote and exciting causes of
the disease when practicable should be
removed.

when it induced a Salivation. It is to be lamen=
=ted, the mercury does not uniformly produce
this effect.

4 The Cate Gov^r. Lewis informed me that a
tribe of Indians whom he saw on his
way to the Pacific Ocean who cure the Colic
by treading upon the bellies of persons af=
=fected with it. When no One is at hand
to do this, the patient presses his belly with
all his strength against a stick. Perhaps
the belt employed by the Copts in Egypt
to prevent or cure the Colic & Diarrhea,
might answer the purpose of this rude
remedy. They all act by bringing the
parietes of the belly in Contact with the in=
=testines which by gently irritating them
produce a new action in them.

There is a remedy ~~for one of the~~

No relief should be considered as certain or dura-
-ble until a diarrhoea is induced, or a griping
felt below the navel.

Dispections exhibit the following appearances of
persons who have died of this disease.
1 no marks of disease of any kind. This is
noticed by Morgagni and Dr Yelverton.
2 Inflammation, and adhesions of the
intestines to each other in Consequence of
~~deb~~ the membrane formed by it.
3 An intussception of the intestines with &
without the two parts of the intestine ad-
-hering to each other. ~~This is sometimes~~
~~known before death by a headache or hurt~~
~~on a part of the belly.~~
4 a Stricture, or Contraction of the Diameter
of the intestine.
5 Spasms in Different parts of the intestines,
— hence the Origin of Syballa. This was

first Observed by Pyerius. That Spasms will
continue after death, we learn from D^r. De-
=laen who saw them several days after
death from Tetanus. Rec Observe rigidity
in the limbs likewise many hours after
death from several other diseases.
6 A knot in the intestines. This was first
seen by D^r. Monroe.
7 mortification of the bowels &
8 Water in the Ventricles of the brain,
and probably in the medulla Spinalis.
The Symptoms which indicate a favou-
=rable issue of this disease are.
1 A discharge of wind downwards. It is the Sign of a recovery.
2 A plentiful discharge of Urine downwards
After it has been Obstructed for some days.
3 The discharge of Syballa, also of Worms.
4 Great sensibility of the skin and of the soles
of the feet.
5 A gentle Sweat diffused over the whole body.
~~on the head Indicates this~~

D

Bad symptoms are

1 A discharge of faces by Vomiting, & yet I have seen a recovery after this sign has taken place.

2 Hiccups and cold sweats.

3 Delirium.

In the East & West Indies a palsy of the upper and lower extremities often follow a recovery from this Disease. It is the effect of the Sympathy between the Nerves of the limbs and the bowels — for the Disease in the bowels is nothing but an acute, and partial palsy. — It might probably be pre=
=vented by early bleeding. ——

The recurrence of the disease should be prevented by avoiding all its remote & exciting causes. The most prominent of these are costiveness, Exposure to the Vapor of lead, to damp ~~air~~ and cold air, and ~~to~~ an indolent

V precautions may be added the constant
use of the Copt or Egyptian belt.

life. Costiveness should be obviated by taking occasionally a little Rhubarb, or a teaspoon-ful of the following medicine which has been much commended for that purpose. Cude Tartar, Cream of tartar & Salt of Tartar of each equal parts. The effects of bad eggs be obviated by oily aliment. The hurtful effects of Damps & Cold air may be obviated by warm dresses. Francis Citesius a French physician who wrote in the year ~~of~~ 1639 says this disease made its appearance in France immediately after the disuse of furs and skins in dress in consequence of which the body suffered more from damps & cold weather. The feet above every other part of the body should be protected from the cold. Indolence should be obviated by constant exercise especially on horseback. ——— To those

This Disease was very common in this city while I was a Student of Medicine & for some years after I settled in it which was in the years 1769. It is now a rare Disease. I have ascribed its disappearance to the following Causes.

1 To the disuse of punch as a drink at 12 Oclock, and in the evening.

2 The general use of flannel next to the skin. By the use of malt liquors instead of punch, and by the practice of wearing flannel shirts or Waistcoats next to the skin the Disease has been nearly driven from Several of the West India Islands.

3 The disuse of hot suppers & consisting of all the articles of dinners.

4 Less exposure to the night air by sitting

in pouches which of late years ~~are~~ compose, ~~allowed~~
are part of our new houses, and are re=
=moved from many of our Old Ones.

There is a disease of the bowels known by the name of the Iliac passion from its being seated in the upper intestines. It is accom=panied with more pain, but less pain than the Colic I have described. Its causes & remedies are nearly the same, as the Colica pictonum.